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Docket No.: END9 2000 0093 US1

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages this Submission:3

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

SYSTEM AND METHOD FOR VIRTUAL PRIVATE NETWORK NETWORK ADDRESS TRANSLATION
PROPAGATION OVER NESTED CONNECTIONS WITH COINCIDENT LOCAL ENDPOINTS

and invented by: EDWARD B. BODEN, FRANKLIN A. GRUBER

ASSIGNEE NAME: International Business Machines Corporation

ASSIGNEE RESIDENCE: Armonk, New York

If a **CONTINUATION APPLICATION**, check the appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application
No.:

Enclosed are:

Application Elements

- 01. ☒ Filing fee as calculated and transmitted as described below
- 02. ☒ Specification having 37 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications *(if applicable)*
 - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
 - d. ☐ Reference to Microfiche Appendix *(if applicable)*
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings *(if drawings filed)*
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure
- 03. ☒ Drawing(s) when necessary as prescribed by 35 USC 113)
 - a. ☐ Formal
 - b. ☒ Informal

Number of sheets: 4

NEW UTILITY PATENT APPLICATION TRANSMITTAL**(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Total Pages this Submission:3

Application Elements (Continued)04. ☒ Oath or Declaration

- a. ☒ Newly executed (original or copy) ☐ Not executed
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☒ With Power of Attorney ☐ Without Power of Attorney

05. ☐ Incorporation By Reference *(usable if box 4b is checked)*

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Item 4b, is considered as being part of the disclosure of accompanying application and is hereby incorporated by reference therein.

06. ☐ Computer Program in Microfiche *(Appendix)*07. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*

- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

08. ☒ Assignment Papers *(cover sheet & document(s))*
09. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS citation
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Label No: EL598672979)
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

NEW UTILITY PATENT APPLICATION TRANSMITTAL**(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Total Pages this Submission:3

Accompanying Application Parts (Continued)16. ☐ Additional Enclosures (identify below)**Fee Calculation and Transmittal****CLAIMS AS FILED**

For	# Filed	# Allowed	# Extra	Rate	Fee
Total Claims	22	-20	2	x \$18.00	\$ 36.00
Indep. Claims	9	- 3	6	x \$80.00	\$ 480.00
Multiple Dependent Claims _____					\$
				BASIC FEE	\$ 710.00
Other FEE (Specify purpose)					\$
				TOTAL FILING FEE	\$1,226.00

- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit IBM Corporation Deposit Account No. 09-0457 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$ 1,226.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees as required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: 19 FEB 2001



Signature
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cc:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: E. B. BODEN, ET AL. Art Unit: N/A
Serial No: N/A Examiner: N/A
Filed: HEREWITH

TITLE: **SYSTEM AND METHOD FOR VIRTUAL PRIVATE NETWORK NETWORK ADDRESS
TRANSLATION PROPAGATION OVER NESTED CONNECTIONS WITH COINCIDENT
LOCAL ENDPOINTS**

Assistant Commissioner For Patents
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

“Express Mail” label number: EL598672979

Date of Deposit: 3/21/01

I hereby certify that the following attached paper or fee

New Utility Patent Application Transmittal
Specification: 37 pages (including claims)
Declaration and Power of Attorney
Drawings (4 sheets)
Express Mail Certificate
Information Disclosure Statement
PTO Form 1449 (revised) with copies of art references
Postcard

is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Christine Lang

(Name of person mailing paper or fee)


(Signature of person mailing paper or fee)